BASIC RIFLE MARKSMANSHIP

One Shot .

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Safety briefing

- The most important thing to remember is SAFETY.
- Keep in mind the four general rules:
  - Always assume that the weapon is loaded. Insure that the weapon is clear when you receive it. Always know the condition of your weapon.
  - Do not point the weapon at anything that you are not willing to destroy or fire upon.
  - Keep your finger off the trigger and the weapon pointed in a safe direction until you are ready to fire.
  - Be aware of your target and the area behind it.

Safety brief cont..

- Rules specific to this range.
  - Clear all weapons prior to inserting the MP 400 laser
  - NEVER look in to the laser
- NEVER point your weapon at anyone on the range.
- Make on the spot corrections of any unsafe acts.

Safety brief cont..

- Call a cease fire if necessary.
  - Every one is a safety officer.
- Take all commands from the PMI or AI.
- Fire only at your assigned target.
  - The left and right limits are:

Safety brief cont..

- All weapons must be cleared by an AI before leaving the range.
- Steps to clear your weapon:
  - Attempt to place the selector on safe,
  - Remove the magazine,
  - Lock the bolt to the rear,
  - If it would not go before place the selector on safe,
  - Inspect the chamber to ensure it is clear,
  - Ground the weapon on the sand bags.

M-16A2 Nomenclature

INSPECT

ALL PARTS FOR CRACKS OR FRACTURES, CHIPS, BENT OR MISSING PARTS.

Load an M16A2 rifle.

- **Notice: Always place the rifle on SAFE when loading and unloading.**
- Point the muzzle of the rifle in a safe direction.
- Cock the rifle and return the charging handle to the forward position.
- Place the selector lever on SAFE.
- With the bolt in the open position, look into chamber to be sure it is clear.

Load an M16A2 rifle.

- Insert a loaded magazine into the magazine housing and push upward until the magazine catch engages and holds the magazine in place.
- Gently tap the base (bottom) of the magazine with the heel of the hand to ensure the magazine is locked in place (seated).

Chambering a round.

- Depress upper portion of bolt catch allowing the bolt to go forward.
- Strike (tap) the forward assist assembly to ensure that the bolt is fully forward and locked.
- **Warning: The rifle is now loaded. Ensure it is pointed in a safe direction.**

Chambering a round.

- If the rifle is not to be fired immediately, ensure the selector lever is on SAFE and close the ejector port cover.
- **Notice: If rifle is loaded with bolt closed, a round is chambered by pulling the charging handle to the rear and releasing. DO NOT ride the charging handle forward. If the charging handle is eased forward from the open position, the bolt may fail to lock.**

Chambering a round.

- Have soldiers practice conducting a function check.
- Review and answer soldiers' questions on function check.

Unload an M16A2 rifle.

- **Notice: Always place the rifle on SAFE when loading and unloading.**
- Point the muzzle of the rifle in a safe direction.
- Place the selector lever on SAFE. (If weapon is not cocked, the lever cannot be placed on SAFE.)

Unload an M16A2 rifle.

- Press in on the magazine catch button and pull the magazine down and out of the weapon.
- Pull the charging handle to the rear, press the bottom of the bold catch, and allow the bolt to ease forward until it engages the bolt catch. (Place weapon on SAFE if not done so already.) Return charging handle to the forward position.
- Look into the chamber and receiver to ensure these areas contain no ammunition.

Unload an M16A2 rifle.

- With selector pointing to SAFE, allow bolt to go forward by pressing upper position of bolt catch.
- **Notice: The weapon is clear only when:**
  - **No brass rounds are in the chamber or receiver.**
  - **The magazine has been removed.**
  - **The selector lever is in the SAFE position.**
  - **The weapon should not be stored for long periods with bolt located to the rear, for example, stored in an arms room.**
- Release the pressure on the firing pin spring by pulling the trigger.

IMMEDIATE ACTION

“ SPORTS ”

IMMEDIATE ACTION

S -- Slap up on the Magazine

p -- Pull the Charging Handle

O -- Observe the Chamber

r -- Release the Charging Handle

t -- Tap the Forward Assist

s -- Squeeze the Trigger

Adjust front and rear sights on the M16A2 rifle.

- Nomenclature: the rear sight consists of two apertures, a windage knob, and an elevation knob. The large aperture marked 0-2 is used for moving target engagement and during limited visibility. The unmarked aperture is used for normal firing, zeroing, and with the elevation knob for target distances up to 800 meters. The unmarked aperture is used to establish battle-sight zero.

Rear aperture adjustments

- made by pushing the sight forward and down (towards the front sight post) for moving/limited visibility, and pulling the sight back and down for normal and zeroing. To adjust for elevation rotate the knob for the desired elevation.

Windage adjustments

- are made by turning the windage knob right or left from the start point which is when the index mark on the 0-2 sight is aligned with the rear sight base index.

Front sight.

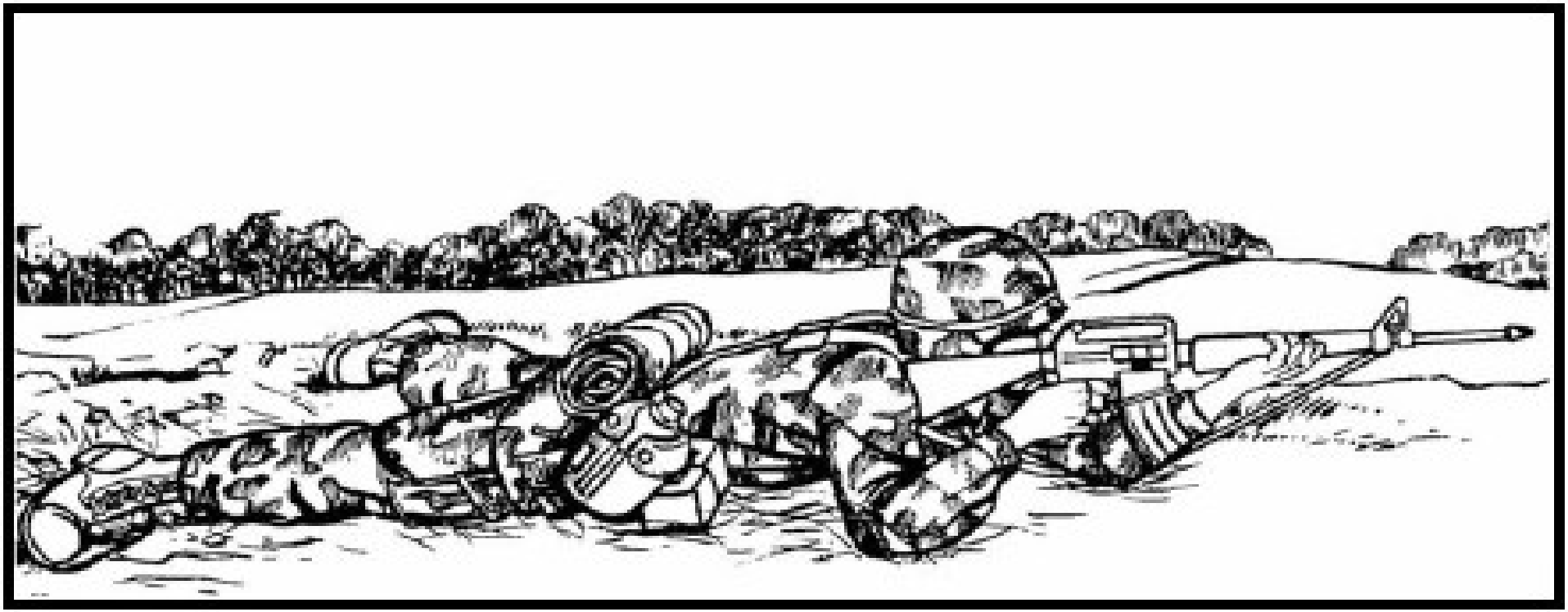
- Nomenclature: The front sight consists of a round rotating sight post with a four-position, spring-loaded detent.
- Adjustment: Adjustments are made by using a sharp instrument such as the tip of a cartridge and pressing down on the spring-loaded detent and rotating the post in the desired direction of change for the strike of the bullet, i.e. if you want to move the strike of the bullet up you would rotate the post in the direction of the arrow marked up or clockwise.

Four Fundamentals of Marksmanship

- Steady Position
- Aiming (correct sight picture and alignment)
- Breath Control
- Trigger Squeeze

Steady Position

- Non-firing elbow under rifle for stability. Use the bone not the muscle for support, this will eliminate muscle fatigue.

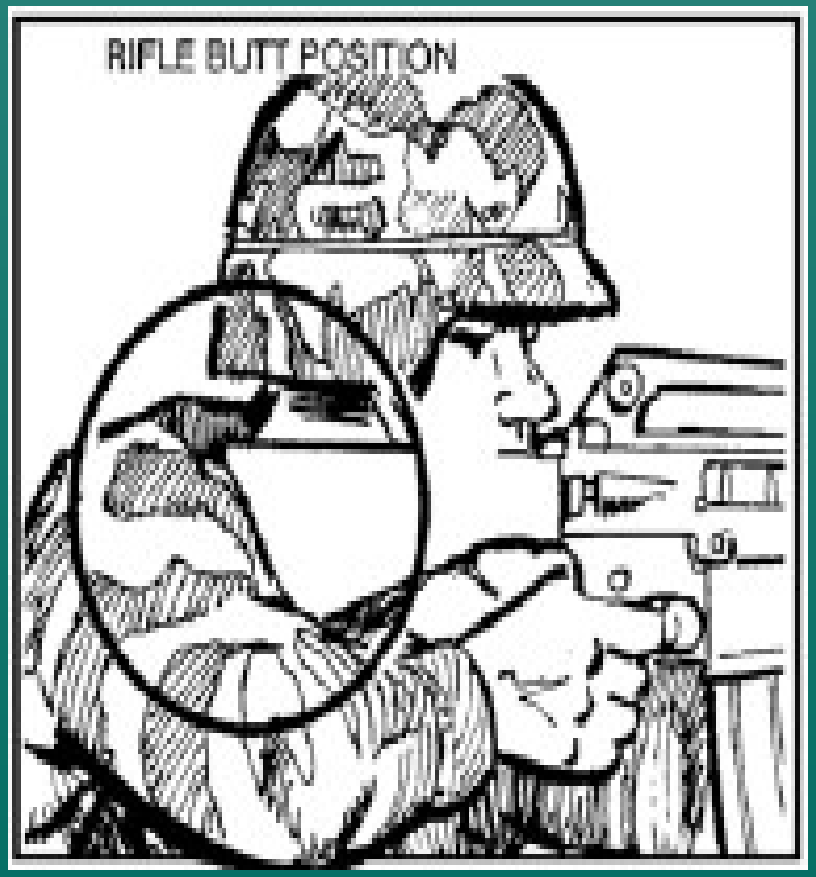


Steady Position cont..

- Non-firing hand grip is light with slight rearward pressure

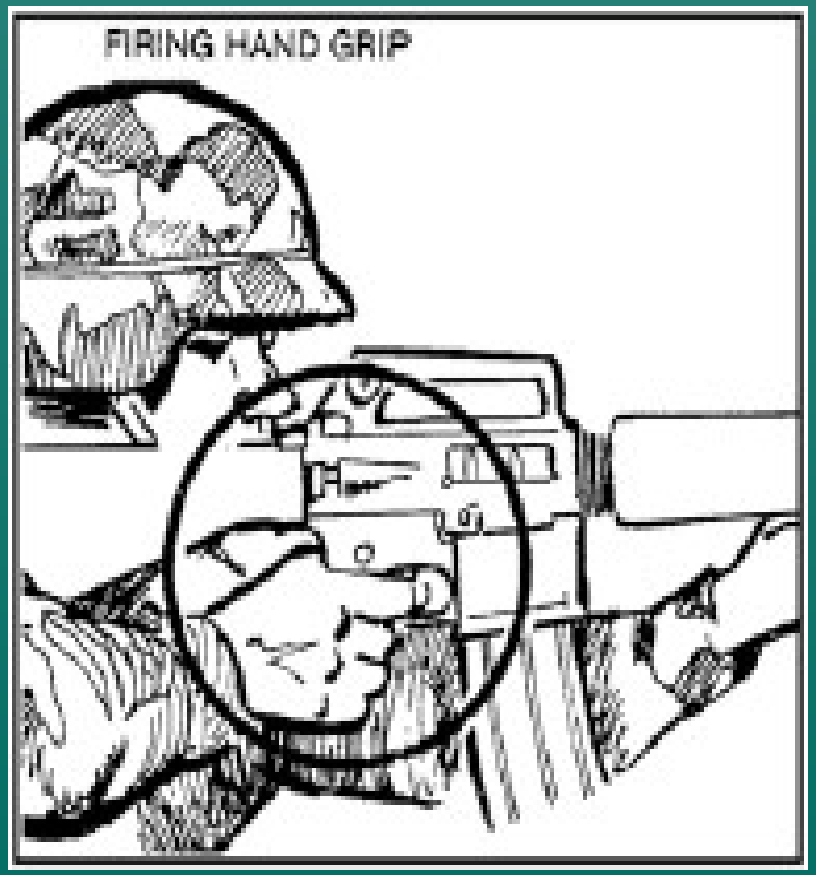
Steady Position cont…

- The rifle butt is placed in the pocket of the firing shoulder



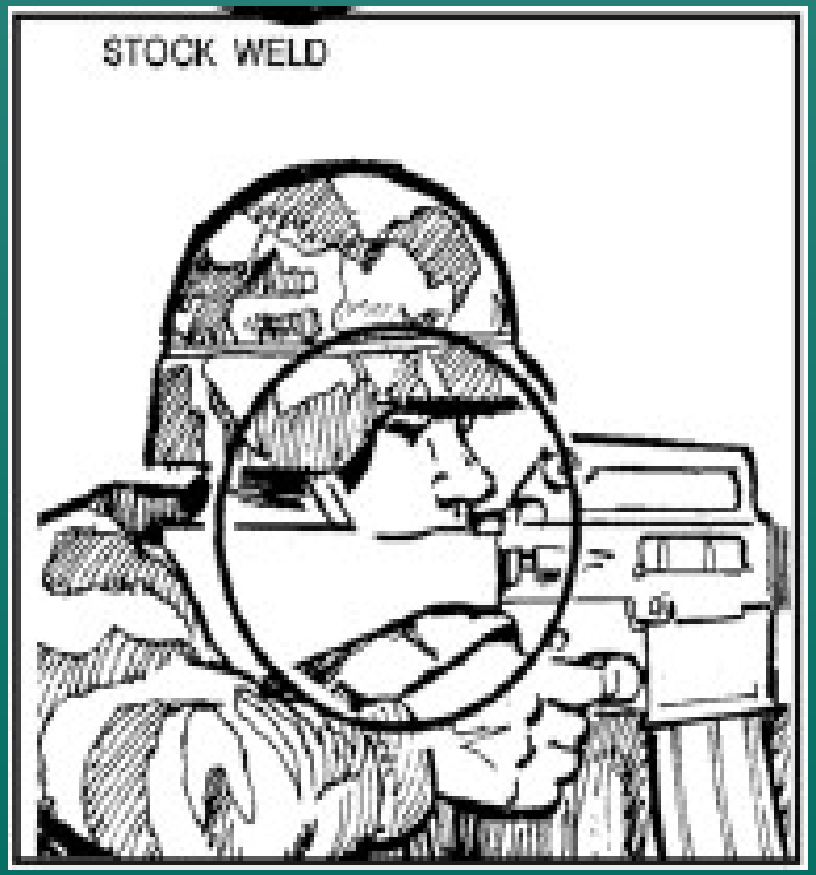
Steady Position cont…

- The firing hand forms a “V” and is placed behind the pistol grip wrapping the three lower fingers around the grip under the trigger assembly with slight rearward pressure



Steady Position cont…

- Get a good cheek to stock weld, insure that you have the same weld each time

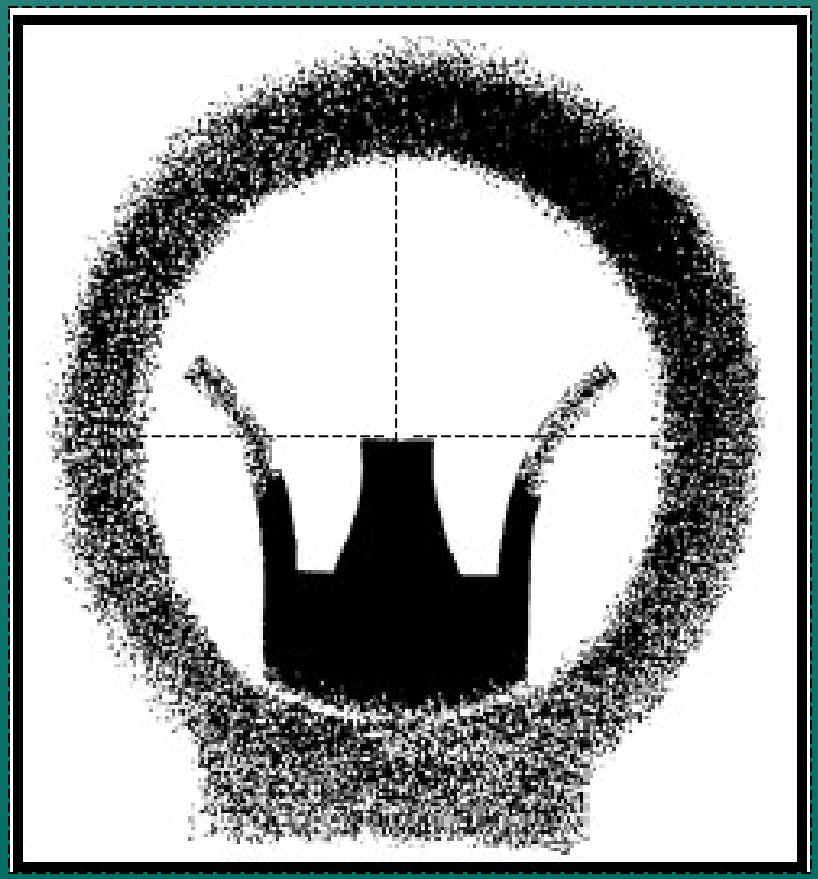


Aiming (correct sight picture and alignment)

- ✓ Focus on the “clear tip of the front sight post”
- ✓ Assume proper sight alignment
- ✓ Assume a proper aiming point (center mass of the target)

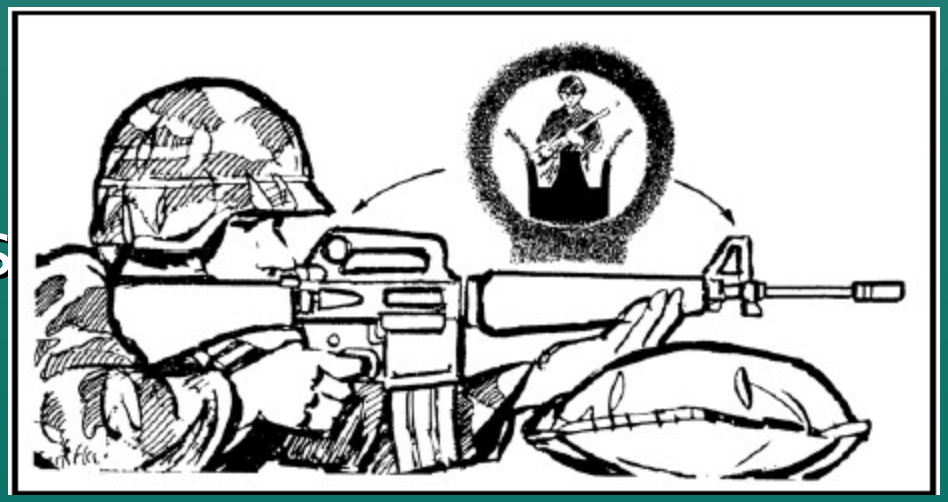
Correct sight alignment

- Center the “clear tip of the front sight post” horizontally and vertically in the rear aperture



Correct sight picture

- With correct sight alignment place the “clear tip of the front sight post” center mass on the target.



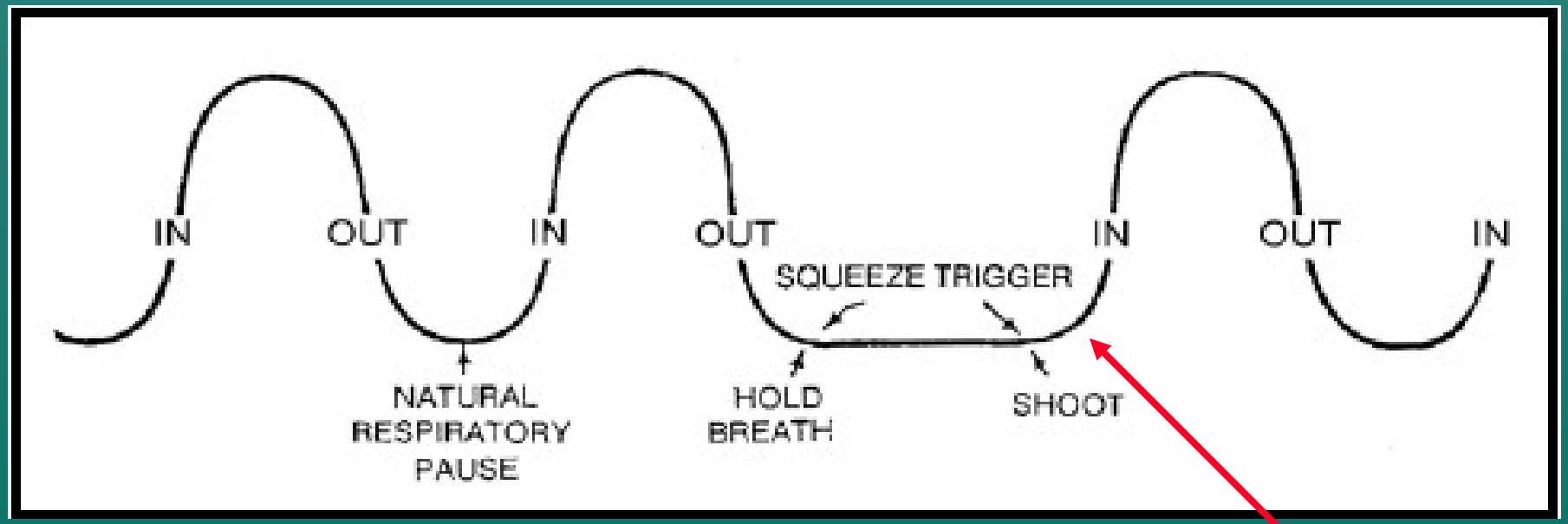
Side aiming technique

- Aim off the target to the left or right move the weapon on to the target center mass

Breath control

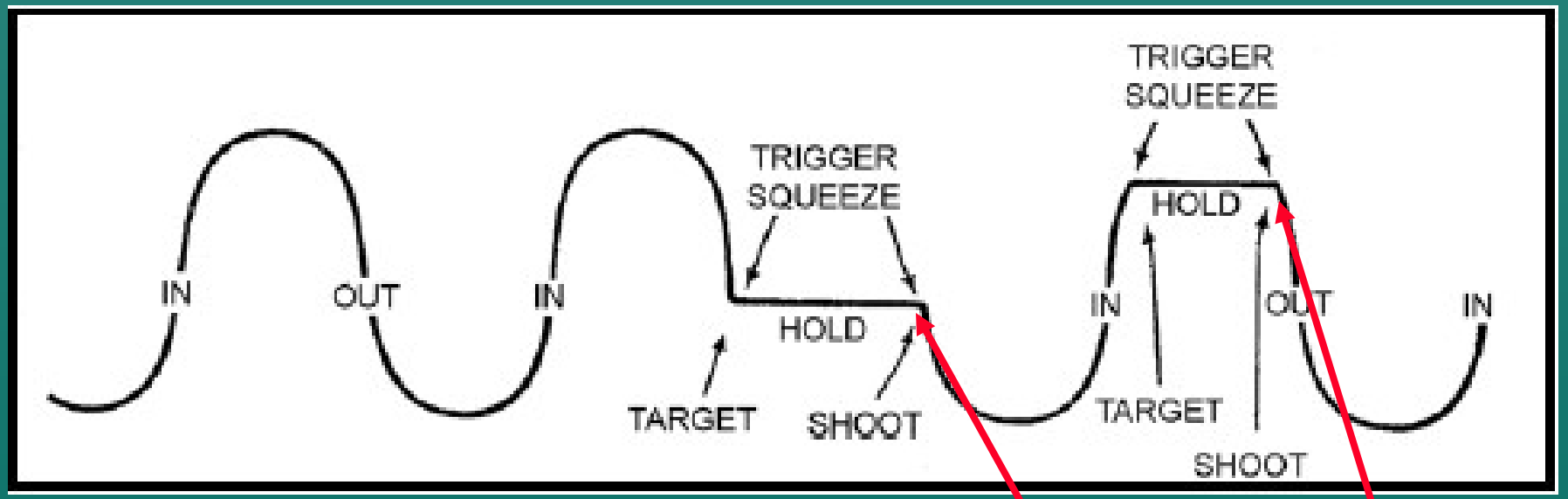
- Natural respiratory pause
- Forced respiratory pause

Natural respiratory pause



Follow though

Forced respiratory pause



Follow though

Trigger squeeze

- **Trigger squeeze is the most critical of the fundamentals!!!**

Trigger squeeze cont..

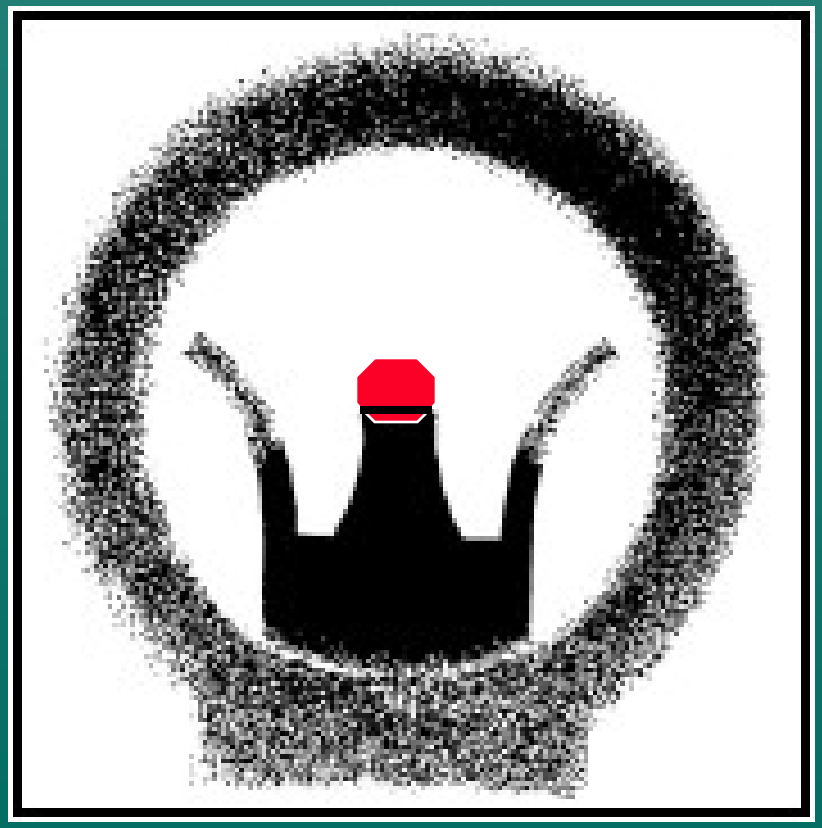
- Place the index finger on the trigger between the tip and the first joint of the finger.
- Pull the trigger straight to the rear.
- Do not anticipate the round firing.
- Do not jerk the trigger.
- Follow though

ACCURACY IS CONSISTANCY; CONSISTANCY IS ACCURACY!

DRY-FIRE EXERCISES WITH MP 400 LASER TRANSMITTER

- **When you are on the firing line you will be required to charge your weapon each time you fire.**
- **Rotate your weapon off the target.**
- **Pull the charging handle back 1 to 2 inches or until you hear the metallic click.**
- **Ride the charging handle back to the forward position slowly.**
- **Place the weapon back on the**

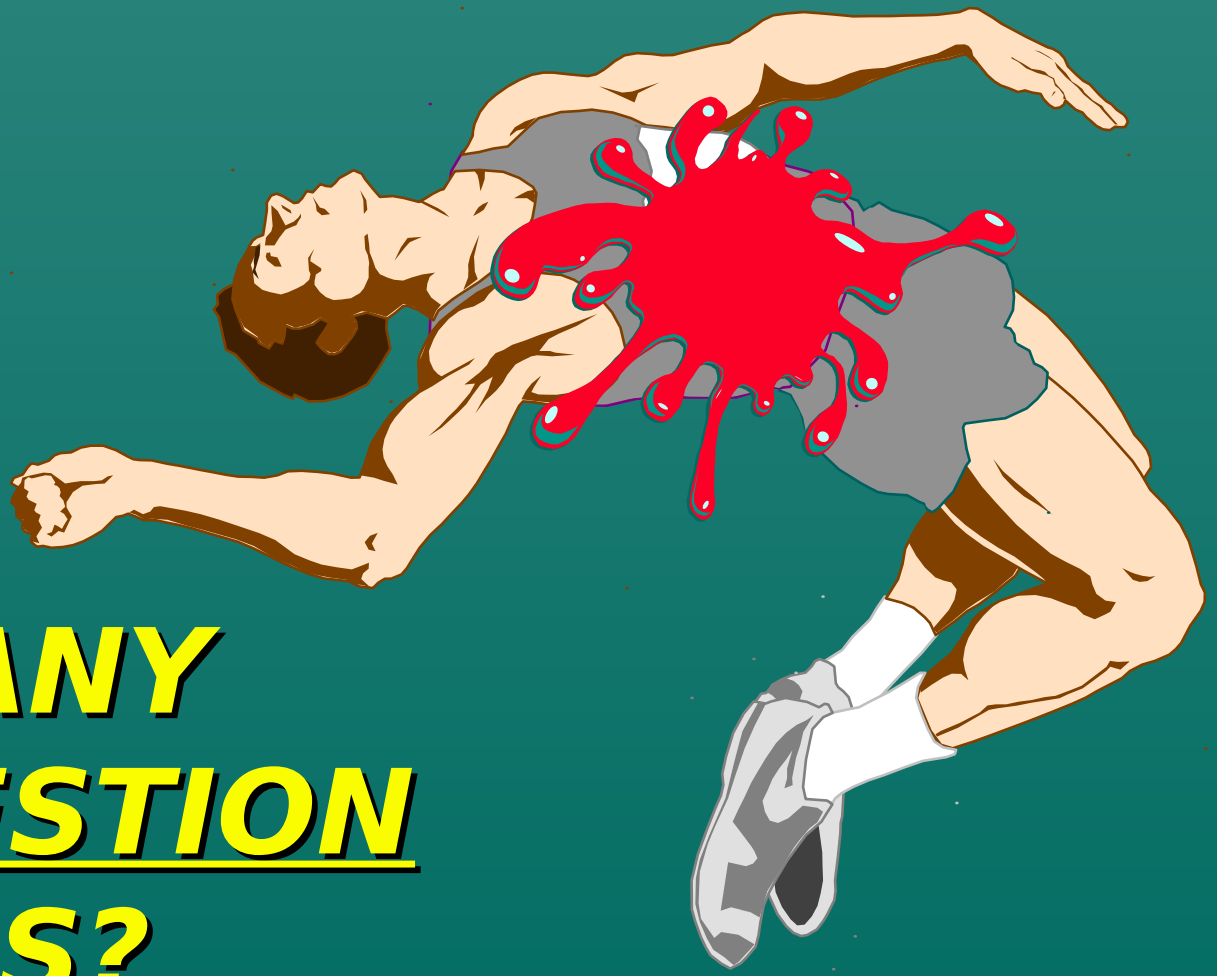
Lolly-popping the MP- 400 Laser



PRACTICAL EXERCISES

- LOAD AND UNLOAD M16A2 RIFLE (simulated)
- CORRECT MALFUNCTIONS OF AN M16A2 RIFLE
- Implement the Four Fundamentals of Marksmanship
- Dry fire with MP 400 laser transmitter

. . .ONE KILL!



ANY QUESTIONS?